



2011 Northwest Montana Fair



DEPARTMENT "4H/FFA GP" 4H or FFA GENERAL PROJECTS

The General Projects are in the Expo Building
(#4 on map in back of fair book)



Linda Stewart
Superintendent

Marcia Burns
Assistant Superintendent

SCHEDULE OF EVENTS

- **Monday, August 1st, 4:30 p.m.**. Deadline for registration of entries. You may enter on line at www.nwmtfair.com; mail entry forms to:
Flathead County Fairgrounds
265 N. Meridian Road
Kalispell, MT 59901
Or fax them to: 756-8936
- **Monday, August 15th - 9:00 a.m. - 9:00 p.m.**
Exhibits accepted. Bring directly to Expo Building.
- **Tuesday, August 16th - 8:30 a.m.**
Exhibits will be judged
- **Sunday, August 21st - 6:00 p.m.**
Exhibits will be released

FLATHEAD ELECTRIC COOPERATIVE YOUTH ELECTRIC FAIR

1. The Youth Electric Fair is sponsored by the Flathead Electric Cooperative, Inc.
2. All youth ages 8 through 19 are eligible.
3. The Junior Division is comprised of all youth 8 through 12 years of age as of October 1, 2010. The Senior Division is comprised of all other entries, regardless of age.
4. Entries are not judged by the Danish System.
5. Items previously exhibited will not be accepted.
6. Exhibits must remain in place until 6:00 p.m. Sunday.
7. **BRING ELECTRIC YOUTH FAIR ENTRIES TO THE EXPO BUILDING.**

SENIOR DIVISION

	1st	2nd	3rd
Electric, welded section.....	\$75.00...	\$50.00...	\$40.00
Electric, lamp section	\$75.00...	\$50.00...	\$40.00

JUNIOR DIVISION

	1st	2nd	3rd
Electric, welded section.....	\$75.00...	\$50.00...	\$40.00
Electric, lamp section ...	\$75.00...	\$50.00...	\$40.00

SECTION 2040 ELECTRIC PROJECT

- Section 2040 will be exhibited in the Flathead Electric Cooperative Fair Booth.
- Only one (1) exhibit per class in No.1, 2, 8; two (2) exhibits per class allowed in 3-7. In case of two exhibits in a class, they shall be different. The judge may categorize exhibits as Basic or Advanced. Entries must be marked ORIGINAL or made from a KIT.

PREMIUMS

Blue, \$3.00; Red, \$2.00; White, \$1.00

Class No.

1. Electric Lamp, decorative
2. Electric Lamp, reading
3. Welded Item, Basic (2 allowed)
4. Welded Item, Advanced, (2 allowed)
5. Electrical Educational Display, (2 allowed) (club, group, or individual)
6. Electrical Item, repaired
7. Basic Electronic Item, made
8. Advanced Electronic Item, made

SECTION 2045 ELECTRICITY

To exhibit in the following categories, you must be currently enrolled in one skill level of the electricity project. Exhibit no more than 4 items per level.

LEVEL 1 - THE MAGIC OF ELECTRICITY

PREMIUMS

Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. Homemade Flashlight
2. Simple Switch
3. Display or poster of conductors
4. Display or poster about magnetism
5. Homemade Compass
6. Homemade Electromagnet
7. Homemade Galvanometer
8. Homemade Electric Motor
9. Educational poster or display about electricity
10. Any other homemade electric device

**BEST LEVEL 1 ELECTRICITY ENTRY..... Award
Courtesy of Van Dort Heating**



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LEVEL 2 - INVESTIGATING ELECTRICITY

Class No.

11. Educational display of Ohm's Law
12. Display or poster about conductors and insulators
13. Poster identifying the components of a wiring diagram
14. Homemade Circuit
15. Homemade Momentary Switch
16. Homemade 3-way Switch
17. Homemade Rocket Launcher
18. Homemade Burglar Alarm
19. Educational poster or display about electricity in the home
20. Any other homemade electric device

LEVEL 3 - WIRED FOR POWER

Class No.

21. Display or poster showing how to read an electric meter
22. Display of types of wires and cables
23. Display showing how to measure electricity usage
24. Display or poster showing the different types of receptacles
25. Diagram of your home wiring circuits
26. Educational poster or display about electricity in the home
27. Any other homemade electric device

LEVEL 4 -ENTERING ELECTRONICS

Class No.

28. Display or poster of different electronic parts
29. Display showing how a diode works
30. Display showing how a transistor regulates flow
31. Display showing how LEDs work
32. Homemade Flasher
33. Homemade alarm that reacts to light
34. Homemade Light Meter
35. Homemade SCR Intruder Alarm
36. Homemade 6-8 Watt Amplifier
37. Educational poster or display about electronics.
38. Any other homemade electronic device

SECTION 2050 WOODWORKING

- To exhibit in this section, you must be currently enrolled in one skill level of the woodworking project. Exhibit no more than 4 items per level.

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.00

Class No.

1. Shop use item (sanding block, miter box, toolbox, etc.)
2. Article, other resource, or plans for projects made in your woodworking project skill level, include plans
3. Other indoor item with indoor finish, include plans

4. Other outdoor item with exterior finish, include plans
5. Article made from a kit, include plans
6. Article you have refinished with a "before" photograph
7. Wood project you have not finished making, include plans
8. Educational display or poster showing anything related to the woodworking project (about the care of tools, safety, materials, techniques, etc.)
9. Finished indoor item made with hand tools, include plans
10. Any other item made with hand tools, include plans

BEST WOODWORKING PROJECT

First Place Award
Second Place Award
Third Place Award

Awards courtesy of Carpenter's Local 911

Gary Sampson

1st YEAR WOODWORKING ENTRY Trophy
Bill and Kim Morrison

SECTION 2060 PHOTOGRAPHY

- A single photo, mounted on 5 x 7 (minimum size) or 8x10 (maximum size) poster board or with an 8 x10 or 11x14 mat constitutes an exhibit for classes 1-14 and 20-33. Use 3 x 5 to 4 x 6 photos for classes 17-19 and 36-38. For classes 15 -16 and 34-35 use CDs that can be played with Windows Media.
- Plastic hangers or wires must be attached to photo exhibits so they can be hung. Concentrate on selecting your very best photo display. Members may exhibit in more than one class, but only one exhibit per class. Color and black & white are separate class numbers. A picture may be used in one exhibit only. Color and black & white may not be mixed in same exhibit. Where a picture is self-processed, it should be so labeled.

PREMIUMS

Blue, \$2.00; Red, \$1.50; White, \$1.00

Color

Class No.

1	Architecture.....	20
2	Landscapes.....	21
3	People (not portraits).....	22
4	Animals, Birds.....	23
5	Action.....	24
6	Abstract.....	25
7	Close-ups (less than 24").....	26
8	Portraits.....	27
9	Plants.....	28
10	Pets.....	29
11	Your best picture.....	30
12	Water.....	31
13	Fair theme.....	32
14	Digitally altered photo.....	33
15	Video.....	34
16	Photo slide show.....	35
17	Sequence of 3 to 5 photos.....	36

Black & White

Class No.



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Color Class No.

- 18.....Study, 3 types of light37
19..... Publicity photos (group of 3).....38

Black & White Class No.

BEST OF SHOW OVERALLAward
Courtesy of Lakeview Livestock 4-H
PHOTOGRAPHY, 2nd OVERALLAward
PHOTOGRAPHY, 3rd OVERALLAward
Both Courtesy of Flathead Homemakers
MOST BLUE RIBBONS IN
PHOTOGRAPHY.....Award
Courtesy of George & Susan Schmidt

SECTION 2070 – ENTOMOLOGY

- To exhibit in this section, you must be currently enrolled in one skill level of the entomology project. Exhibit no more than 4 items per level. Exhibit boxes of insect collections should be 18" by 12" for 25 insects and 18" by 24" for 50 insects. Each box should be 3 ½" to 4" deep. Boxes should be covered with Plexiglas that can be removed and collections organized by order. Preparation of each collection shall adhere to proper pinning and labeling methods as described in the 4-H entomology project materials and other recognized sources. Specimens shall be undamaged, moths or butterflies, the wings shall be properly spread. Spreading legs and wings of other groups is not required, but shall receive recognition if done.
- Arrangements shall be neat and uniform in such a manner that anyone examining the collection can understand the groupings. Educational displays may consist of specialized groupings of insects, or related to any aspect of insect life. Displays should be presented in a clear, concise manner. The purpose of educational displays is to learn more about life cycles, biology, ecology, diversity, etc. of insects and related arthropods.

LEVEL 1–CREEPY CRAWLIES

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

- Collection of at least 25 different adult insects, mounted, labeled and identified, including at least 5 orders; including the order Lepidoptera (for 1st yr. Level 1 members)
- Collection of at least 30 different adult insects (5 you haven't exhibited before), mounted, labeled and identified including at least 5 orders (for 2nd yr. Level 1 members)
- Collection of at least 35 different adult insects (5 you haven't exhibited before), mounted, labeled and identified including at least 5 orders (for 3rd yr. Level 1 members)

- Exhibit or poster of equipment, constructed or purchased by the member, used for insect collection and mounting (collecting net, killing bottle, mounting board, etc.)
- Poster relating to some activity in Level 1 (insect behavior, communications, movement, habitats, etc.)
- Any other item

LEVEL 2 -WHAT'S BUGGING YOU?

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

- Collection of at least 50 different adult insects, mounted, labeled and identified according to order (for 1st yr. Level 2 members)
- Collection of at least 60 different adult insects (10 you haven't exhibited before), mounted, labeled and identified including at least 5 orders (for 2nd yr. Level 2 members)
- Collection of at least 70 different adult insects (10 you haven't exhibited before), mounted, labeled and identified including at least 5 orders (for 3rd yr. Level 2 members)
- Exhibit or poster of special equipment made as a part of Level 2 (a separator, an extractor, etc.)
- Poster or display relating to some activity in Level 2 (insect traps, careers, habitats, etc.)
- Any other item

LEVEL 3 - DRAGONS, HOUSES & OTHER FLIES

PREMIUMS
Blue, \$4.00; Red, \$3.00; White, \$2.00

Class No.

- Collection of 85 insects, mounted, labeled and identified according to order (for 1st yr. Level 3 members)
- Collection of 120 insects, mounted, labeled and identified according to order (for 2nd yr. Level 3 members)
- Collection of at least 155 different insects, mounted, labeled and identified according to order (for 3rd yr. Level 3 members)
- Poster or display relating to some activity in Level 3 (homemade insect key, insect wings, spider's web, behavior, life cycle, insect control, etc.)
- Experimental project
- Any other item



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ENTOMOLOGY INDEPENDENT STUDY

PREMIUMS

Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

19. Educational Display
20. Any other item

GRAND CHAMPION ENTOMOLOGY
COLLECTON. Award
Courtesy of Lakeview Livestock 4-H Club

RESERVE CHAMPION ENTOMOLOGY
COLLECTION. Award
Courtesy of Montana Logging Association

SECTION 2075—WILDLIFE (Exhibit no more than 4 items per level)

PREMIUMS

Blue, \$3.00; Red, \$2.00; White, \$1.50

LEVEL 1- WILDLIFE CONSERVATION

Class No.

1. Your Nature Journal
2. Wildlife Diorama depicting several kinds of wildlife in their natural habitats
3. Board or Poster exhibit describing one species of wildlife found in Montana
4. Board or Poster exhibit displaying two or more interactions (connections) that occur between/ among animals or between animals and their habitat
5. Display of animal tracks with plaster casts
6. Board or Poster exhibit depicting signs of wildlife (including but not limited to: tracks, droppings, trails, burrows, markings, mounds tree scrapes, nests, etc.)
7. Wildlife essay of 100-1000 words typed and double spaced or hand written neatly
8. Any other item

LEVEL 2- LIVING WILD IN AN ECOSYSTEM

Class No.

9. Your Nature Journal
10. Wildlife House
11. Wildlife Habitat Plan
12. Birdbath or Feeder that you made
13. Integrated pest management plan
14. Any other item

LEVEL 3- MANAGING IN A WORLD WITH YOU AND ME

Class No.

15. Your Nature Journal
16. Scrapbook of news articles about wildlife
17. Feeder you built that measures how high squirrels jump

18. Jumping platform you built to measure how far squirrels can jump
19. Any other item

WILDLIFE INDEPENDENT STUDY

Class No.

20. Educational Display
21. Any other item

SECTION 2076 OUTDOOR ADVENTURES (Exhibit no more than 4 items per level)

PREMIUMS

Blue, \$3.00; Red, \$2.00; White, \$1.50

LEVEL 1- HIKING TRAILS

Class No.

1. Backpack containing essential items for a day hike
2. First Aid Kit you make for a day hike
3. Display relating to "Leave No Trace"
4. Educational display relating what you have learned in the project

LEVEL 2- CAMPING ADVENTURES

Class No.

5. Display of knots you tied for camping
6. Three day camping menu, necessary equipment, method of preparation and clean-up
7. Educational display relating what you have learned in this project

LEVEL 3- BACKPACKING EXPEDITIONS

Class No.

8. Three day backpacking menu, necessary equipment, method of preparation and clean-up
9. First aid kit you made for a backpacking trip
10. Display relating "Leave No Trace" in a variety of environments
11. Educational Display relating what you have learned in this project

OUTDOOR ADVENTURE INDEPENDENT STUDY

Class No.

12. Educational display
13. Any other item

SECTION 2080—FORESTRY

PREMIUMS

Blue, \$3.00; Red, \$2.00; White, \$1.50

Exhibitors should be currently enrolled in one skill level of the forestry project. Exhibit no more than 4 items per level. If leaves, stems or bark are to be exhibited, they should be identified with a label near the object on the same page.



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These labels should show:

- (1) the proper common name;
- (2) where collected (city and/or county);
- (3) date (day, month, and year) collected.

When exhibiting after more than one year in the project, group specimens by year collected. Educational displays may consist of groupings of leaves, bark, stems, or related to any aspect of forestry. Displays should be presented in a clear, concise manner. The purpose of educational displays is to learn more about the importance of forest ecosystems and forest life.

LEVEL 1 -FOLLOW THE PATH

Class No.

1. Exhibit of at least 5 dried leaves/needles from either coniferous and deciduous trees living in Montana collected during the year –mounted, labeled and identified according to species
2. Exhibit a minimum of 5 native Montana trees, showing leaf, twig and fruit from each species
3. Poster or educational display relating to some activity in Unit 1 (for example, estimating tree age by rings, parts of a tree, drawing of a root system, forest habitats, forest recreation or others)
4. Journal record showing where 10 different leaves/trees are located and the date you found them
5. A photo story of a visit to a state forest or other forest ecosystem
6. A leaf chain or dried leaf collage
7. Plant in a clear jar showing the root system of a tree seedling
8. Any other item

LEVEL 2 -REACH FOR THE CANOPY

Class No.

9. Exhibit a collection of at least 10 different kinds of leaves/needles from either coniferous or deciduous living in Montana collected during the year – mounted, labeled and identified according to species
10. Exhibit a minimum of 8 native Montana trees showing leaf, twig and fruit from each species
11. Poster or educational display relating to some activity in Unit 2 (for example, how water moves through a tree, photosynthesis, succession, forest systems or others)
12. A photo journal of your visit to a local park or forest
13. Photo journal or field guide on the habitat of 10 organisms that use trees
14. Cross section of a tree with explanation of the tree's history

LEVEL 3 - EXPLORE THE DEEP WOODS

Class No.

15. Exhibit a collection of at least 20 different kinds of

leaves/needles from either coniferous or deciduous trees living in Montana collected during the year – mounted, labeled and identified according to species

16. Exhibit a minimum of 15 native Montana trees showing leaf, twig and fruit from each species
17. Poster or educational display relating to some activity in Unit 3 (for example, identifying trees by their bark, biomes, forest products, or others)
18. A photo journal of your visit with a "tree informant" to a local park or forest
19. Write a taxonomic key for 5 different leaves you have collected
20. Display 5 bark rubbings you have made and the identification of each tree
21. Display showing the "fruits" or "seeds" of at least 10 trees in your area
22. Any other item

FORESTRY INDEPENDENT STUDY

Class No.

23. Educational display
24. Any other item

SECTION 2085

WEEDS

(Exhibit no more than 1 item per class number)

All plants shall be labeled to include common name, scientific name, place collected, date collected, and collector's name. Numbers are minimum requirements - more do not penalize an exhibit/collection. Current year collections except Class No. 3, 4, & 5. Plant collections are assumed to be cumulative year to year.

PREMIUMS

Blue, \$3.00; Red, \$2.00; White, \$1.00

Class No.

1. Homemade Plant Press
2. Project Notebook, including narrative and picture report of work done in Weeds
3. Weeds, collection of 10 (include 2 perennials)
4. Weeds, collection of 20 (include 6 perennials and 2 biennials)
5. Weeds, collection of 30 (include 6 perennials and 4 poisonous)
6. Weed Seeds, mature, dry, 15 species

BEST OF SHOW EXHIBIT

IN PLANT SCIENCE.....1st & 2nd Place Awards

Courtesy of Montana Logging Association



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SECTION 2086 RANGE MANAGEMENT

In order to enter you must be enrolled in the project.
Exhibit no more than 4 items per section.

PREMIUM
Blue, \$3.00; Red, \$2.00; White, \$1.00

Class No.

1. Poster showing the stages of succession
2. Poster illustrating the water cycle
3. An educational display related to what you have learned about rangelands
4. An educational display related to what you have learned about the different plants and animals that live on rangelands
5. An educational display showing different uses of rangeland
6. An educational display of the web of life on rangelands
7. Profile of a rancher or other range user
8. Display of a historical timeline related to US rangeland uses

RANGE INDEPENDENT STUDY

Class No.

9. Educational display
10. Any other item

SECTION 2090 LANDSCAPING & FLOWERS

PREMIUM
Blue, \$5.00; Red, \$3.00; White, \$2.00

Class No.

1. Project Notebook, showing overall plan, before and after pictures, and accomplishments during the current year. Judged 75% on current year's work. Creativity, work done and report quality are criteria.

PREMIUM
Blue, \$3.00; Red, \$2.00; White, \$1.00

2. Scale plan of home grounds; minimum size 8 x 10, coded to show present and proposed work.

PREMIUM
Blue, \$2.00; Red, \$1.50; White, \$1.00

3. Flowers grown by members in their project. Exhibit requires one stem of larger flowers such as roses, gladiolas and zinnias; three stems of smaller flowers such as marigolds, pansies and sweet peas. Maximum of four entries in this class.

4. Arrangement of flowers, grown in the project, only one entry in this class.
5. Exhibit of potted plants, terrariums or succulents, grown by member. Maximum of four entries in this class.

BEST OF SHOW POTTED PLANT \$5.00
BEST OF SHOW GLADIOLAS \$5.00
BEST OF SHOW DAHLIA \$5.00
BEST OF SHOW PANSY \$5.00
BEST OF SHOW MARIGOLD \$5.00
BEST OF SHOW ARRANGEMENT \$5.00
Courtesy of Kalispell Farmer's Market

SECTION 2091– WIND ENERGY (Exhibit no more than 4 items per section)

PREMIUM
Blue, \$3.00; Red, \$2.00; White, \$1.00

Class No.

1. Display your engineering notebook
2. Display that shows what you've learned about wind energy
3. Display GIS maps to demonstrate use of wind energy in the US
4. Display about wind energy in US: wind farms, schools that use wind power, wind in art and literature, or careers in the wind power industry
5. Display in innovative design of your own
6. Any other item

SECTION 2100 MECHANICAL SCIENCE - AEROSPACE (Aerospace, Auto, Bike, Tractor, Small Engine)

Members enrolled in more than one of the projects in this section may have multiple entries in a class, but each entry must be labeled as to project.

AEROSPACE

- To exhibit in this section, you must be currently enrolled in one skill level of the aerospace project.
- Exhibit no more than 4 items per level.
- Exhibits will be judged on accuracy of construction, quality of craftsmanship and appearance. Displays should be neat and attractive. Exhibits of models must be uniformly painted, smoothly finished, have decals applied smoothly, and be properly assembled and painted according to the accompanying plans. Engines and igniters are not permitted with the exhibit. Rockets and other models must be able to stand freely on their own or be supported on a wooden base.
- Do not display rockets on a launch pad. Do not angle. For original design rockets or other models, describe in an attached summary how the model was tested for stability prior to flying.



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STAGE 2: LIFT OFF

PREMIUM
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. Skill Level 1 rocket made from a kit (Wizard, Gnome, Mosquito, Alpha, etc.), include plans
2. Poster or display of different types of aircraft
3. Poster or display explaining how different types of weather affect flying or a chart of one week's weather and your analysis of the flying conditions
4. Handmade kite, include plans
5. Educational display relating to the International Phonetic Alphabet
6. Model rocket or airplane not built from a kit, include plans
7. Educational display related to what you have learned in the project (launch or distance records, results from competitive events, etc.)

STAGE 3: REACHING NEW HEIGHTS

PREMIUM
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

8. Skill Level 2 rocket made from a kit (Bull Pup 12D, Longshot, Loadstar, etc.), include plans
9. Paper flight simulator you have made
10. Feather Wing Glider
11. Controllable Glider
12. Fighter kite that can roll, pitch and yaw (Nagasake Hata or other type)
13. Model airplane from a kit, include plans
14. Model rocket or airplane not built from a kit, include plans
15. Educational display related to what you have learned in the project (launch or distance records, results from competitive events, etc.)

STAGE 4: PILOT IN COMMAND

PREMIUM
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

16. Skill Level 3 or higher rocket made from a kit (Comanche 3, R2-D2, Tie Fighter, Space Shuttle, etc.), include plans
17. Poster or educational display relating to some aspect of this level of aerospace (flight plan, career profile, etc.)
18. Flat style box kite, include plans
19. Model rocket or model airplane not made from a kit, include plans

20. Educational display related to what you have learned in the project (launch or distance records, results from competitive events, etc.)
21. Your own constructed altitude tracker
22. A complete cost and feasibility analysis of establishing an EMS helicopter service in your community
23. Notebook on the history of aviation

AEROSPACE INDEPENDENT STUDY

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

24. Educational display
25. Any other item

AUTO, BIKE AND TRACTOR

<u>Class No.</u>	Blue	Red	White
26. Project Item, made	\$2.00	\$1.00.....\$.50
27. Safety Educational Display, relating to project	\$3.00	\$2.00.....\$1.00
28. Project Repair Display, relating to project	\$3.00	\$2.00.....\$1.00

SMALL ENGINES

You must be currently enrolled in one skill level of the small engines project. Exhibit no more than 4 items per level.

UNIT 1 -CRANK IT UP!

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

29. Picture poster showing what you have learned about small engines
30. Display of basic tools needed to maintain a small engine
31. Educational display on what you have learned about two-cycle engines
32. Educational display on what you have learned about four-stroke engines
33. Educational display showing proper maintenance and care of a lawn mower
34. Educational display on proper display board with a brief explanation of the purpose of the parts and how they work
35. Small engines parts display board with a brief explanation of the purpose of the parts and how they work
36. Display on some system that you learned about in small engines (filters, cooling, ignition, etc.)
37. Any other item



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UNIT 2 -WARM IT UP!

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

38. Educational display comparing the different types of engines
39. Educational poster illustrating and explaining the internal parts of an engine
40. Educational display showing how transmissions work
41. Educational display showing how to conduct a compression check
42. Educational display showing how to adjust a carburetor
43. Display using a real small engine with a brief explanation showing steps in preparing a small engine for storage
44. Carburetor parts display board with a brief explanation of the purpose of the parts and how they work together
45. An income and expense record of your lawn mowing business, including costs, hours worked, pay for individual jobs, etc
46. Any other item

UNIT 3 -TUNE IT UP!

PREMIUMS
Blue, \$4.00; Red, \$3.00; White, \$2.00

Class No.

47. Educational display showing how to use diagnostic tools on engines
48. Educational display showing how to tear down and reassemble a small engine
49. Educational display on the electrical system of a small engine
50. Educational display about emissions systems on small engines and future trends
51. Educational display showing how to remove and sharpen a mower blade
52. Educational display about careers in small engines
53. Educational display about your work in finding resources about small engines on the Internet
54. Educational display about trouble-shooting common problems with small engines
55. Educational display about small engines designs
56. Any other item

SMALL ENGINES INDEPENDENT STUDY

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

57. Any unlike item
58. Educational display or poster
59. Other

**BEST OF SHOW MECHANICAL SCIENCE
AEROSPACE OR SMALL ENGINES.....**
1st & 2nd Place Award
Courtesy Montana Logging Association

SECTION 2110—POSTERS, PROJECT BOOKS & 4-H SCRAPBOOKS

- Classes in this section will not be judged on the Danish System, with the exception of Class No. 7 & 8.
- Entries will be judged on neatness and completeness. Current year material only.
- 4-H scrapbooks may contain pictures, clippings, programs, trip reports, etc. Books will be judged from the standpoint of appearance, neatness, completeness and the amount of interesting, pertinent 4-H material contained therein.

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. Agriculture Poster
2. Shop work Poster
3. Poster and other FFA, Vo-Ag or 4-H Subject
4. Official Montana Farm Account Book
5. Conservation Project Book, "Individual"
6. Conservation Project Book "Club"
7. Club Scrapbook, giving history of club
8. Individual Scrapbook indicating 4-H member's activities in & outside of 4-H

BEST OF SHOW CLUB SCRAPBOOK Award
In Memory of Maurine Johnson

SECTION 2120 - VET SCIENCE

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

1. Veterinary Science Project Display
2. Educational Poster on some aspect of veterinary science
3. Educational Display with special project write-up
4. Project Notebook. May include research, plans, stories, photos, etc.



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SECTION 2125 -- CATS

To exhibit in this category, you must be currently enrolled in the 4-H Cat Project. Exhibits may be entered in up to 3 classes.

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

1. Notebook with plans, records, pictures, etc.
2. Educational display on health care
3. Educational display on breeds of cats
4. Other educational display
5. Item (toy, scratching post or other) you have made for your cat
6. Cat carrier you have made or decorated
7. Picture story of pet with captions in a notebook

SECTION 2126 -- DOGS

- To exhibit in this category, you must be currently enrolled in the 4-H Dog Project. Exhibits may be entered in up to three classes.

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

1. Notebook with plans, records, pictures, etc.
2. Educational display on health care
3. Educational display of dog breeds
4. Other educational display
5. Item (toy, bed or other) you have made for your dog
6. Picture story of pet with captions in a notebook

SECTION 2130 -- EXPLORING 4-H

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. You may exhibit up to 4 items you have made in your project this year

SECTION 2135 -- COWBOY POETRY

To exhibit in this category, you must be currently enrolled in the 4-H Cowboy Poetry Project. There is only one level in this project and it is self-paced. Exhibits may be entered in up to 4 classes.

PREMIUMS
Blue, \$3.00; Red, \$2.00; White, \$1.50

Class No.

1. A poster showing what you have learned about cowboy poetry
2. Display of at least 3 original poems written by you during the current year
3. An educational display related to what you have learned about rhyme schemes or meter

4. An educational display about some of the classic cowboy poets
5. An educational display about Western culture or history, especially about your local area
6. Display of examples of cowboy poetry you have found in your local library
7. A photo story of your participation in a cowboy poetry gathering
8. A photo story showing you teaching others to write and recite their own original poetry
9. Any educational display related to what you have learned in this project

ARTS, CRAFTS, CERAMICS CAKE DECORATING

SECTION 2139 SUB-JUNIORS

(Ages 11 & under as of Oct. 1, 2010)

SECTION 2140 JUNIORS

(ages 12 & 13)

SECTION 2141 SENIORS

(ages 14 & over)

All articles must be the work of the member during the current 4-H year. Member must be enrolled in project. Exhibitor must have age (as of October 1st of current year) and years in project on entry tag. Maximum of 4 exhibits in each class. Entries must be marked ORIGINAL or made from a KIT.

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. Leather craft
2. Craft Item
3. Fine Art, drawings and paintings

CAKE DECORATING

Open to all members enrolled in any food unit.

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

4. Cake Decorating (use only a cake form or a box instead of a cake)

CERAMICS

Can enter up to 3 items in separate class number.

Class No.

- | | |
|---------------|-----------|
| 5. Stains | 9. Decal |
| 6. Glaze | 10. Chalk |
| 7. Overglaze | 11. Other |
| 8. Underglaze | |



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GRAND CHAMPION FINE ARTS SENIORAward
 RESERVE FINE ARTS SENIORAward
 GRAND CHAMPION FINE ARTS JUNIORAward
 RESERVE FINE ARTS JUNIORAward

Courtesy of Kalispell Art Educators

BEST HAND-TOOLED LEATHER
 CRAFT ITEMAward
 BEST LEATHERCRAFT ITEM
 (Not hand tooled).....Award

Courtesy of Glenn's Shoe Repair

GRAND CHAMPION CERAMIC ITEMAward
Courtesy of Sherry Caverly

RESERVE CERAMIC ITEM Award

Courtesy of Floretta Caverly

BEST OF SHOW SUB-JUNIOR
 ARTS & CRAFTS Award

BEST OF SHOW JUNIOR ARTS & CRAFTS.. Award

BEST OF SHOW SENIOR ARTS & CRAFTS . Award

All of the above courtesy Kalispell Farmers' Market

ARTS & CRAFTS EXHIBITS, PEOPLES'
 CHOICE AWARD Award

Courtesy Bill Prichard,

Mary McFarland's Northwest Hair Co.

SECTION 2150

GROUP SELF-DETERMINED

Enrolled in project. Record sheet is not part of exhibit. Maximum of 4 different exhibits in this section. May not enter similar exhibit elsewhere in Dept. F & 4-H.

PREMIUMS

Blue, \$2.00; Red, \$1.50; White, \$1.00;

Class No.

1. Item made by Junior
2. Item made by Senior
3. Related Education Display

SECTION 2160

INDIVIDUAL SELF-DETERMINED

Ag or Home-Ec related; one exhibit only

Exhibitor(s) must be enrolled in project. Exhibit must include the 4-H Record Sheet for the Individual Self-Determined Project OR a written report of (a) your beginning plan, what you planned to do, study or accomplish (b) a narrative report of what you did, your results, learning (pictures help) plus the actual exhibit or display about the project. Judged on complexity, amount of work, results, and display effectiveness.

PREMIUMS

Blue, \$6.00; Red, \$4.00; White, \$2.00

Class No.

1. Individual Self-Determined Exhibit

GRAND CHAMPION SELF-DETERMINED
 PROJECT Award
 RESERVE SELF-DETERMINED
 PROJECT Award

In Memory of Jason Madsen

Courtesy of Gerry and Sherry Madsen

SECTION 2165

TEEN LEADERSHIP

PREMIUMS

Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. Prepare an exhibit listing goals, activities, pictures, persons worked with, and a leader's evaluation. Could be done as a display, notebook, picture story or combination.

BEST TEEN LEADERSHIP ENTRY.....Award

Courtesy of George & Sandy Wortman

SECTION 2170

SHORT-TERM PROJECTS

Enrolled in short-term project such as shooting sports, rock hounds and robotics, etc.

PREMIUMS

Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. Short Term Project Exhibit, may include notebook, pictorial display, poster, etc

SECTION 2175

SPORT FISHING

To exhibit in this category, you must be currently enrolled in one skill level of the Sport Fishing project. Exhibit no more than 4 items per level.

PREMIUMS

Blue, \$2.00; Red, \$1.50; White, \$1.00

LEVEL 1 -TAKE THE BAIT

Class No.

1. Picture poster showing what you have learned about sport fishing
2. Display of lures and/or flies that you have made
3. Educational display related to what you have learned about different types of fish
4. Educational display related to what you have learned about fishing or angling
5. Display of your fishing log or casting record
6. Display of common fishing tackle equipment
7. Display of basic fishing knots
8. Display of 3 rigging systems
9. Any educational display related to what you have learned in this project



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LEVEL 2 – REEL IN THE FUN

Class No.

10. An educational display comparing the different types of casting techniques
11. Display of lures and/or flies that you have made
12. Display of your fishing log or casting record
13. An educational display identifying the different parts of a fish
14. An educational display of your favorite fish recipes
15. Exhibit of your own hand-made fishing wallet
16. Display of at least 6 intermediate fishing knots (e.g. trilene, surgeons, uni-knot, world's fair knot, two- fold open and blood knot)
17. An educational display related to what you have learned about different types of fish
18. Any educational display related to what you have learned in this project

LEVEL 3 – CAST INTO THE FUTURE

Class No.

19. An educational display showing how you introduced a friend to fishing
20. An educational display showing the four different types of reels
21. An educational display of Artificial flies and lures you have made
22. An educational display of the different sizes and types of hooks
23. An educational display showing at least 8 kinds of aquatic insects
24. An educational display about fishing habitats
25. An educational display about fishing ethics
26. A display of your fishing journal
27. An educational display about the different kinds of fish found in Montana
28. Any educational display related to what you have learned in this project

SECTION 2176 -- COMMUNICATIONS (Exhibit no more than 4 items per level)

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

LEVEL 1 - PICKING UP THE PIECES

Class No.

1. Display of a comic strip you created
2. Display of a survey you created
3. Display of the code you created
4. Display of the jingle you created
5. Any other exhibit related to this item

LEVEL 2 - PUTTING IT TOGETHER

Class No.

6. Display of first impressions
7. Display of your e-mail and chat room etiquette rules
8. Display of the public service announcement you created
9. Any other exhibit related to this item

LEVEL 3 - THE PERFECT FIT

Class No.

10. Display of your journal of positive feedback
11. Display of the ad/flyer you developed
12. Display of a cover letter you wrote
13. Any other exhibit related to this item

COMMUNICATIONS INDEPENDENT STUDY

Class No.

14. Educational Display
15. Any other item

SECTION 2177 - THEATER ARTS (Exhibit no more than 4 items per level)

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

LEVEL 1- PLAY THE ROLE

Class No.

1. Display of tongue twisters you made up
2. Scene you have written with directions indicating voice tone
3. Script you have written with flashback scenes
4. Photos of clown character you created
5. Pictures story you created for a script
6. Series of stage pictures for a story
7. Critic's review of a musical you reviewed

LEVEL 2- BECOME A PUPPETEER

Class No.

8. Sock puppet you made
9. Rod puppet you made
10. Everyday found object puppet
11. Puppet character you built
12. Puppet stage you built
13. Any other exhibit related to this project

LEVEL 3- SET THE STAGE

Class No.

14. Costume you've designed
15. A display of a set you designed and built
16. A display of a color wheel you've designed
17. A play prompt book you created

THEATRE ARTS INDEPENDENT STUDY

Class No.

18. Educational Display
19. Any other item

SECTION 2178 -- CITIZENSHIP (Exhibit no more than 4 items per section)

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. Journal created from activities in Navigating Citizenship



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2. Create a diorama depicting the three branches of government
3. Create a display of an advertisement
4. Create a display of a letter you have written to the editor
5. Create a visual representation of "one person, one vote"
6. Write a lobbying plan
7. Design a seal and a flag
8. Create a display depicting a service learning project with a tribal organization
9. Create a book of careers
10. Create a display depicting a bill you have written
11. Any other item related to this project

SECTION 2179 -SERVICE LEARNING (Exhibit no more than 4 items per level)

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

LEVEL 1- AGENTS OF CHANGE

Class No.

1. A model of what you see out your window
2. Newspaper you created featuring stories about service
3. A display of index cards for a mission project
4. A display of the Pinnacles and Pitfalls game you created
5. A trophy you created made from objects collected at your mission site
6. Any other exhibit related to this project

LEVEL 2- RAISE YOUR VOICE

Class No.

7. A display of your research and map in selecting a need in the community
8. A display of a survey you used to gather information about a need in a community
9. Create a display of your action steps to meeting a community need
10. Scrapbook, poster, diorama, or other display showing how you meet a community need
11. A display of a public service announcement you need to raise awareness about a community need

SERVICE LEARNING INDEPENDENT STUDY

Class No.

12. Educational Display
13. Any other Item

SECTION 2180 4-H SPECIAL NEEDS YOUTH PROGRAM

PREMIUMS
Blue, \$2.00; Red, \$1.50; White, \$1.00

Class No.

1. You may exhibit up to 4 items you have made in your project this year.

SECTION 2190 – 4-H CLOVERBUDS (Participant ribbons only awarded in this section)

- This class is open to enrolled 4-H Cloverbud members who are enrolled in the Cloverbud project.
- Complete an entry form.
- Exhibitors will not be rated against each other, but are encouraged and rewarded with special Cloverbud participation ribbons.
- No live animals may be exhibited at the fair in this section.

Class No.

1. Enter up to three (3) items made in the Cloverbud Project
2. Member's book and or record sheets
3. Picture of you with your pet
4. Poster or display about the Farm Animals Cloverbud Project
5. Poster or display about a specific animal, showing animal's parts, how to care for it, and what it eats

